



Product brochure

Vertiv™ Liebert® GXT5 Lithium-Ion UPS

5,000 - 10,000VA, MV (120V/208V), GV (200V - 240V)

Online Double-Conversion, Rack/Tower Convertible
UPS Offers the Highest Level of Power Protection



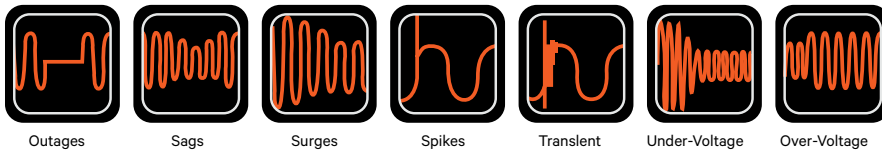
The Vertiv™ Liebert® GXT5 Lithium-Ion UPS provides the highest level of power protection for your business critical IT applications.

High Performance Online Power Protection

The Vertiv™ Liebert® GXT5 Lithium-Ion double conversion online UPS provides both the highest level of power conditioning and battery backup for business critical IT equipment such as business network gear and servers enabling your mission-critical applications are protected in the event of an unanticipated loss of power or an unprecedented power surge.

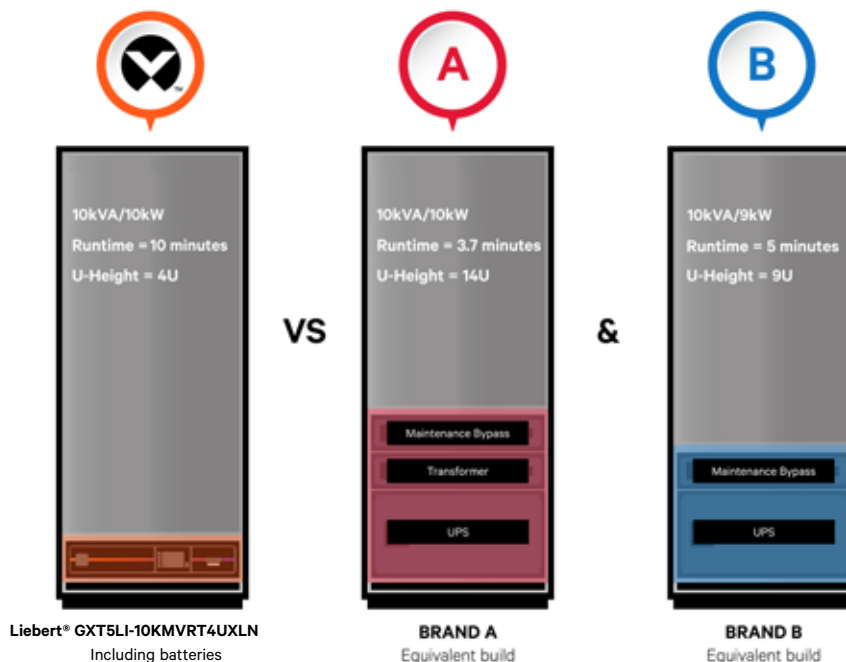
The Vertiv Liebert GXT5 Lithium-Ion UPS protects against the widest range of power fluctuations and automatically switches to battery backup when power loss is detected. With a 1.0 power factor (PF) and no transfer time to operation on battery, you can ensure your most critical assets are protected.

Protects against



The rack/tower convertible design of the Vertiv Liebert GXT5 Lithium-Ion UPS makes it ideal for edge or distributed IT applications where floor space is at a premium. It is a true low-maintenance, set-it and forget-it solution ideal for remote locations with limited onsite technical resources.

Supreme Power Density



Why should you choose Lithium-Ion Technology?

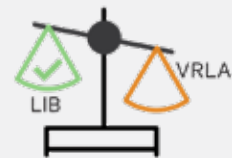
Longer Life



Lowest TCO



Small and Lighter



Longer Runtime



Environmentally Friendly



Fast Battery Recharge





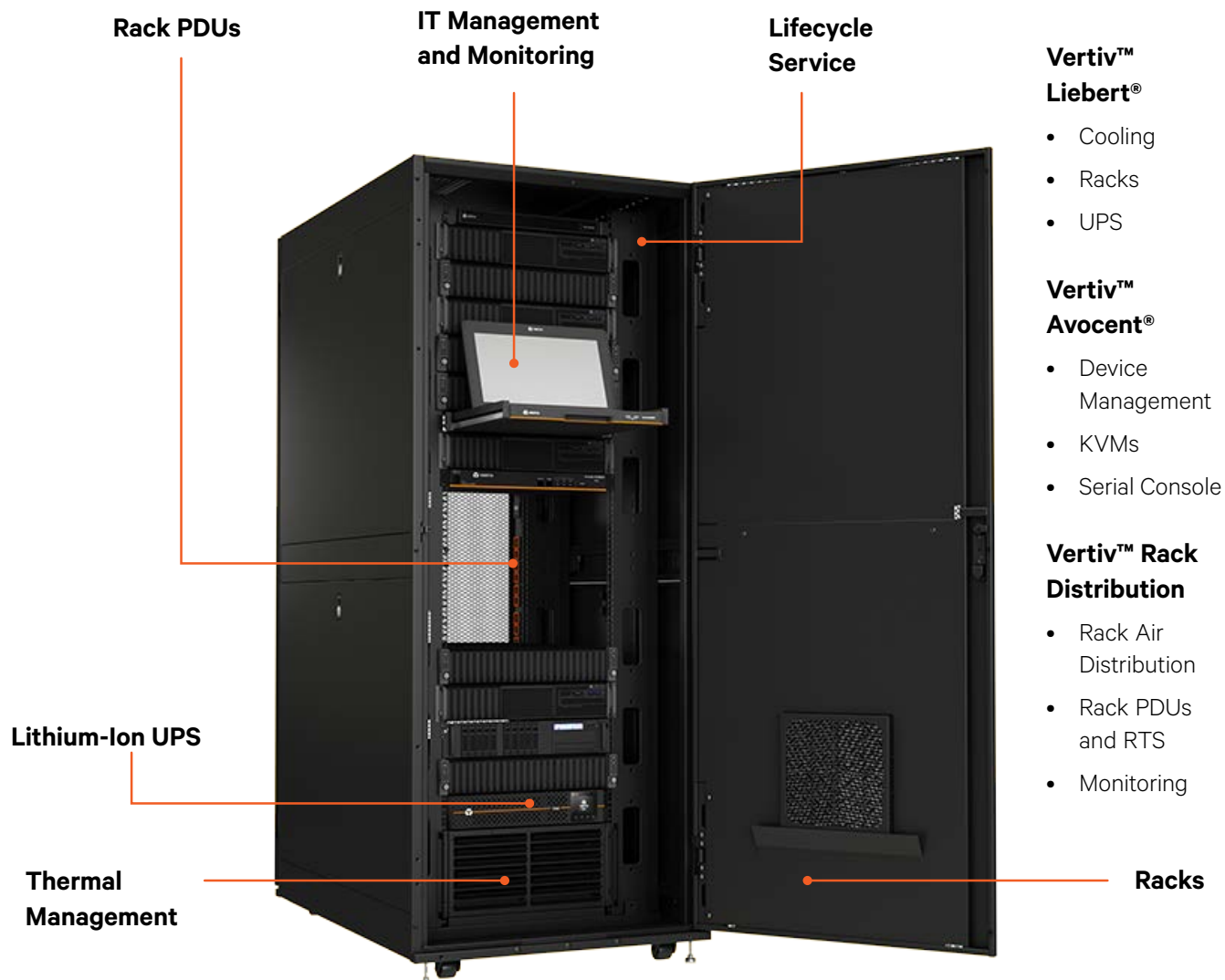
Lithium-Ion technology delivers up to 3 times the life expectancy of lead-acid batteries and lowers the total cost of ownership by nearly half.

Lithium-Ion Outperforms VRLA when compared

| Battery Feature | VRLA Battery | Lithium-Ion Battery | Lithium-Ion Benefit |
|-------------------------------|--------------|---------------------|---|
| Standard battery life | 3-5 years | 8-10 years | Up to 3 times longer life |
| Typical cycle life | 200-260 | 2000 | Up to 10x more discharge/recharge cycles |
| Battery recharge time (@ 90%) | 3-6 hours | <2 hours | Fast recovery time safeguards your critical IT equipment in the event of multiple outages |
| Battery weight | 35 kg | 22 kg | 45% lighter making it ideal for small spaces and wall-mount racks |
| Warranty | 2 or 3 years | 5 years | Worry free operation so you can set-it and forget-it |

Build Your Total Infrastructure Solution with Vertiv

Discover expert designed IT infrastructure solutions with proven success in diverse environments and countless applications.



Visit Vertiv.com or contact a Vertiv Sales Representative today to find out how Vertiv can help you configure an all-in-one infrastructure solution.

How You Benefit from the Vertiv™ Liebert® GXT5 UPS

High Performance

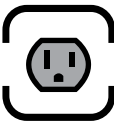


1.0 Output Power Factor (PF): Provides more useable power enabling you to connect more equipment saving you money and space.



Increased Runtime: included external lithium-ion battery pack offers up to 12 minutes of runtime at full load.

Extended Runtime: add up to a total of (8) 1U EBCs (or 8 EBC pairs for the 8/10KVA models) for a maximum runtime up to 100 minutes at full load, or 200 minutes at half-load.



Advanced Warning Status: Receive early audible and visual alarms warning you of system status to alert you to an input voltage, output overload, low battery, or battery replacement condition.

Wide Input Voltage Range: Prolong battery life by allowing the UPS to maximize the use of the utility power before transferring to battery.

High Efficiency: we operate up to 94% in normal (online) operating mode.

Superior Battery Technology



Fewer Battery Replacements: Lithium-Ion batteries require fewer battery replacements and last on average up to 3 times as long as traditional VRLA batteries reducing maintenance, labor, and replacement costs (lower TCO).

More Discharge Cycles: Lithium-Ion batteries deliver up to 10 times more charge / discharge cycles than VRLA batteries.

Fast Recharge: Lithium-Ion batteries recharge twice as fast as traditional VRLA batteries getting you back to 90% in as little as 2 hours.

Hot-Swappable, User-Replaceable Batteries: Increase product life and reliability with batteries that can be easily replaced without disrupting power to connected equipment.

Safe and Reliable: Safest Lithium-Ion (LiFePO4) battery chemistry and integrated battery management system (BMS) ensure safe and reliable operation.

Environmentally Friendly: Significantly reduce battery disposal and recycling with lower replacement rates.

Enhanced Manageability



LCD Display: User-friendly full-color LCD interface with gravity sensing orientation simplified installation and configuration while also providing instant at-a-glance status and insights.

Remote Management:

- Vertiv™ Power Insight – Vertiv™ Liebert® RDU120 card included for web/SNMP manageability
- Vertiv™ Power Assist – Monitor UPS conditions through a local USB connection
- Vertiv™ Intelligence Director – Together with Vertiv™ rPDU one single IP Address to monitor and manage up to 50 devices



Remote Emergency Power Off: Remotely shutdown the UPS during an emergency.



Integrated Maintenance Bypass and Power Distribution

Each Vertiv™ Liebert® GXT5 Lithium-Ion UPS (5-10kVA models only) includes a Zero-U maintenance bypass with integral power distribution. This enables UPS service or removal without disrupting power to the connected equipment.



High power factor (1.0)

More usable power enables more connected loads saving space and costs.



Factory Installed Network Card

Vertiv™ Liebert® RDU120 SNMP/Web card enables Remote Management

Efficiency (up to 94%) in online mode



Energy Star 2.0 certification. Higher efficiency means an optimized energy management and lower heat dissipation, for energy savings and improved reliability.

Integrated Maintenance Bypass Cabinet (MBC)



Facilitates UPS maintenance or replacement, if needed, without having to shutdown the connected equipment.



Battery Cabinets with auto-detection

Be confident the UPS is set up correctly to report available runtime when used with external battery cabinets.



Product warranty

Comprehensive coverage through a standard five-year advanced exchange warranty.

Supreme Power Density



Space-saving UPS and optional 1U external battery packs let you optimize rack space and battery runtime.

New Rack PDU Options

The all new Vertiv™ Liebert® Rack PDU are specifically designed for integration between the Vertiv™ Liebert® GXT5 Lithium-Ion UPS and power distribution in the rack or to adjacent racks.



Vertiv Liebert Rack PDU

New Rack Power Distribution options

| UPS VA rating | rPDU model number | Form-Factor | Input | Output Receptacles |
|--------------------------|-------------------|-------------|-----------------------|---|
| 5000VA MV UPS | VPON3202 | Horizontal | L14-30P (10 ft Cord) | (8) NEMA 5-20R, (2) NEMA L6-30R |
| | VPON3242 | Horizontal | L14-30P (10 ft Cord) | (4) L6-20R, (4) 5-15/20R Out |
| | VPON6200 | Horizontal | Hardwired (L1-L2-N-G) | (6) NEMA L14-30R |
| | VPON6202 | Horizontal | Hardwired (L1-L2-N-G) | (4) NEMA L14-30R, (2) NEMA L6-30R |
| 6000VA To 10000VA MV UPS | VPON6222 | Horizontal | Hardwired (L1-L2-N-G) | (2) L6-20R, (2) L6-30R, (4) 5-15/20R |
| | VPON6281 | Horizontal | Hardwired (L1-L2-N-G) | (2) L6-30R, (8) 5-15/20R Out |
| | VP4N6003 | Vertical | Hardwired (L1-L2-N-G) | (18) C13/C19 Combo Outlets, (12) NEMA 5-20R, (3) NEMA L14-30R |
| 5000VA HV (5KL630) UPS | VPON3223 | Horizontal | L6-30P (10 ft Cord) | (4) NEMA L6-20R, (2) NEMA L6-30R |
| | VPON6263 | Horizontal | Hardwired (L1-L2-G) | (6) NEMA L6-30R |
| | VPON6242 | Horizontal | Hardwired (L1-L2-G) | (4) NEMA L6-20R & (2) NEMA L6-30R |
| 6000VA To 10000VA GV UPS | VP0G7200 | Horizontal | Hardwired (L1-L2-G) | (8) U-Lock C-19 Out |
| | VP4G7006 | Vertical | Hardwired (L1-L2-G) | (4) C19, (36) C13/C19 Out |
| | VP4N6013 | Vertical | Hardwired (L1-L2-G) | (3) L6-30R, (36) C13/C19 Out |

5000VA – 120V/208V MV Rack/Tower

Communications

Vertiv™ Liebert® IntelliSlot™ (Web/SNMP Card), Serial Port, Dry Contacts, USB Port for Local and Remote Configuration and UPS Management



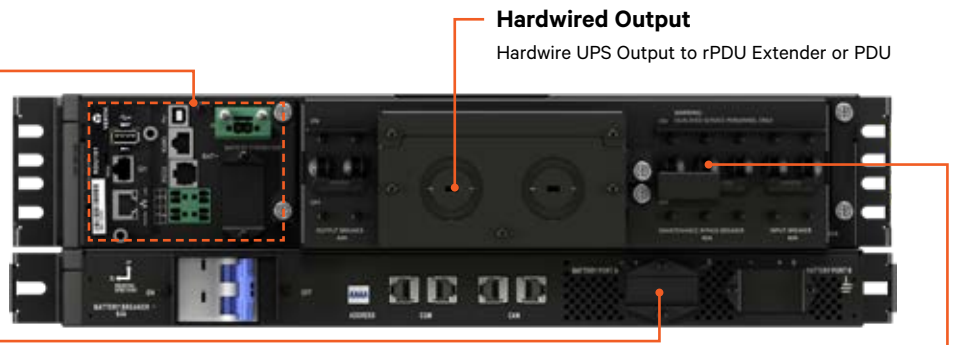
External Battery Connector

Scalable runtime solution supported for extended outage protection (up to 8 External Battery Cabinets)

6000VA – 120V/208V MV Rack/Tower

Communications

Vertiv™ Liebert® IntelliSlot™ (Web/SNMP Card), Serial Port, Dry Contacts, USB Port for Local and Remote Configuration and UPS Management



External Battery Connector

Scalable runtime solution supported for extended outage protection (up to 8 External Battery Cabinets)

Maintenance Bypass

External Bypass for service with integrated power distribution



8000VA - 10,000 VA – 120V/208V MV Rack/Tower

Communications

Vertiv™ Liebert® IntelliSlot™ (Web/SNMP Card), Serial Port, Dry Contacts, USB Port for Local and Remote Configuration and UPS Management

Hardwired Output

Hardwire UPS Output to rPDU Extender or PDU



External Battery Connector

Scalable runtime solution supported for extended outage protection (up to 8 External Battery Cabinets)

Maintenance Bypass

External Bypass for service with integrated power distribution

5000VA – 208V L6-30P Input Rack/Tower

Communications

Vertiv™ Liebert® IntelliSlot™ (Web/SNMP Card), Serial Port, Dry Contacts, USB Port for Local and Remote Configuration and UPS Management

Maintenance Bypass

External Bypass for service with integrated power distribution



External Battery Connector

Scalable runtime solution supported for extended outage protection (up to 8 External Battery Cabinets)

(2) L6-30R Output

L6-30P Input

6000VA To 10000VA – 200V - 240V Rack/Tower

Communications

Vertiv™ Liebert® IntelliSlot™ (Web/SNMP Card), Serial Port, Dry Contacts, USB Port for Local and Remote Configuration and UPS Management

Hardwired Output

Hardwire UPS Output to rPDU Extender or PDU



External Battery Connector

Scalable runtime solution supported for extended outage protection (up to 8 External Battery Cabinets)

Maintenance Bypass

External Bypass for service with integrated power distribution

Technical Specifications 5-10 kVA, MV

| Standard Models | Vertiv™ Liebert® GXT5LI-5000MVRT3UXLN | Vertiv™ Liebert® GXT5LI-6000MVRT3UXLN | Vertiv™ Liebert® GXT5LI-8000MVRT4UXLN | Vertiv™ Liebert® GXT5LI-10KMVRT4UXLN |
|---|--|--|--|---|
| Form Factor | 3U Rack/Tower | | 4U Rack/Tower | |
| Power Rating | 5000 VA / 5000 W | 6000 VA / 6000 W | 8000 VA / 8000 W | 10,000 VA / 10,000 W |
| Dimensions, W x D x H, in (mm) | | | | |
| Unit | 16.9 x 35 x 5.25 (3U) (430 x 890 x 133) | 16.9 x 35 x 5.25 (3U) (430 x 890 x 133) | 16.9 x 35 x 5.25 (3U) (430 x 890 x 133) | |
| Shipping | 31.4 x 39.3 x 20.9 (798 x 998 x 532) | | 31.4 x 39.3 x 29.1 (798 x 998 x 739) | |
| Weight, Lb (Kg) | | | | |
| Unit with EBCs* | 104.9 (47.6) | 100 (45.4) | 156.3 (70.9) | |
| Unit without EBCs | 56.4 (25.6) | 51.5 (23.4) | 59.3 (26.9) | |
| Shipping | 176.3 (80) | 158.7 (72) | 247.7 (112.4) | |
| Input/Output AC Parameters | | | | |
| Input Plug | NEMA L14-30P 3m (10ft) Attached) | Hardwired (L1-L2-N-G) | Hardwired (L1-L2-N-G) | Hardwired (L1-L2-N-G) |
| Output | (2) NEMA L14-30R | Hardwired (L1-L2-N-G) | Hardwired (L1-L2-N-G) | Hardwired (L1-L2-N-G) |
| Nominal Voltage Setting | 208VAC / 120VAC (Default); 240VAC / 120VAC (User-Configurable); ±1% | | | |
| Voltage Range Without Battery Operation | Nominal (Full Load): 90V - 150V AC (L-N); Maximum: 60 - 150VAC (L-N) | | | |
| Frequency Range | 40~70Hz | | | |
| Surge Protection | ANSI C62.41, Category B | | | |
| Transfer Time | 0 ms | | | |
| Battery Waveform | Pure Sine Wave | | | |
| Battery Parameters | | | | |
| Type | Lithium-Ion (LiFePO4) | | | |
| Recharge Time (from full discharge) | < 2hrs to 90% | < 2hrs to 90% | < 2hrs to 90% | < 2hrs to 90% |
| Full-Load Runtime | 12 min | 10 min | 13 min | 10 min |
| Half-Load Runtime | 25 min | 21 min | 27 min | 21 min |
| Replacement Battery | N/A, external battery only | N/A, external battery only | N/A, external battery only | N/A, external battery only |
| External Battery Cabinet (quantity) | VEBCLI-192VRT1U (1) | VEBCLI-192VRT1U (1) | VEBCLI-192VRT1U (2) | VEBCLI-192VRT1U (2) |
| Environmental Requirements | | | | |
| Operating Temperature,*F (°C) | 32°F to 104°F (0°C to 40°C) (10% Derating at 50°C) | | | |
| Storage Temperature °F (°C) | -4° to 140° (-20° to 60°) | | | |
| Relative Humidity | 0% – 95%, non-condensing | | | |
| Operating Altitude, ft (m) | 0 to 10,000 (0 to 3,000) w/o Derating. (15% Derating at 4000m) | | | |
| Audible Noise | < 58 dB | | | |
| Certifications | | | | |
| Safety | UL 1642 (Li-Ion Battery Cells), UL 1973 (Li-Ion Battery Pack w/UPS), UL 1778, CSA 22.2 No. 107.3 | | | |
| Agency | UL 1778, c-UL, NOM, FCC Part 15, Class A | | | |
| Environmental | RoHS2 / REACH / WEEE | | | |
| Network Surge | IEC 61000-4-5, ANSI C62.41, Category B | | | |
| Transportation | ISTA Procedure 2A | | | |
| Warranty | 5 years on UPS and Battery | | | |
| Protection Plan | | | | |
| Equipment Protection Plan | Up To \$500,000 (For Covered Equipment) | | | |

Vertiv™ Liebert® *GXT5 Lithium-Ion 5kVA and 6kVA units come equipped with (1) Vertiv™ Liebert® EBC. GXT5 Lithium-Ion 8kVA and 10kVA MV units come equipped with (2) EBCs,



Technical Specifications 5-10 kVA, HV/GV

| Standard Models | Vertiv™ Liebert® GXT5LI-5KL630RT3UXLN | Vertiv™ Liebert® GXT5LI-6000GVRT3UXLN | Vertiv™ Liebert® GXT5LI-8000GVRT3UXLN | Vertiv™ Liebert® GXT5LI-10KGVRT3UXLN |
|--|--|---|--|---|
| Form Factor | 3U Rack/Tower | | 3U Rack/Tower | |
| Maximum Power Rating | 5000 VA / 4900 W | 6000 VA / 6000 W | 8000 VA / 8000 W | 10,000 VA / 10,000 W |
| Dimensions, W x D x H, in (mm) | | | | |
| Unit | 16.9 x 35 x 5.25 (3U) (430 x 890 x 133) | 16.9 x 35 x 5.25 (3U) (430 x 890 x 133) | 16.9 x 35 x 5.25 (3U) (430 x 890 x 133) | |
| Shipping | 31.4 x 39.3 x 20.9 (798 x 998 x 532) | | 31.4 x 39.3 x 20.9 (798 x 998 x 532) | |
| Weight, Lb (Kg) | | | | |
| Unit with EBCs* | 103 (47) | 99 (45) | 105 (48) | |
| Unit without EBCs | 55 (25) | 51 (23) | 57 (26) | |
| Shipping | 163 (74) | 159 (72) | 165 (75) | |
| Input/Output AC Parameters | | | | |
| Input Plug | L6-30P | Hardwired (L1-L2/N-G) | Hardwired (L1-L2/N-G) | Hardwired (L1-L2/N-G) |
| Output | (2) L6-30R | Hardwired (L1-L2/N-G) | Hardwired (L1-L2/N-G) | Hardwired (L1-L2/N-G) |
| Nominal Voltage Setting | 208VAC (Default); 200-240VAC (User-Configurable); ±1% | 230VAC (Default); 200-240VAC (User-Configurable); ±1% | | |
| Voltage Range Without Battery Operation | Nominal (Full Load): 176V - 288V AC; Maximum: 100 - 288VAC | | | |
| Frequency Range | 40~70Hz | | | |
| Surge Protection | IEC 61000-4-5, ANSI C62.41, Category B | | | |
| Transfer Time | 0 ms | | | |
| Battery Waveform | Pure Sine Wave | | | |
| Battery Parameters | | | | |
| Type | Lithium-Ion (LiFePO4) | | | |
| Recharge Time (from full discharge) | < 2hrs to 90% | < 2hrs to 90% | < 2hrs to 90% | < 2hrs to 90% |
| Full-Load Runtime | 11 min | 9 min | 5 min | 4 min |
| Half-Load Runtime | 25 min | 19 min | 15 min | 11 min |
| Replacement Battery | N/A, external battery only | N/A, external battery only | N/A, external battery only | N/A, external battery only |
| External Battery Cabinet (quantity) | VEBCLI-192VRT1U (1) | VEBCLI-192VRT1U (1) | VEBCLI-192VRT1U (1) | VEBCLI-192VRT1U (1) |
| Environmental Requirements | | | | |
| Operating Temperature,*F (°C) | 32°F to 104°F (0°C to 40°C) (10% Derating at 50°C) | | | |
| Storage Temperature °F (°C) | -4° to 140° (-20° to 60°) | | | |
| Relative Humidity | 0% – 95%, non-condensing | | | |
| Operating Altitude, ft (m) | 0 to 10,000 (0 to 3,000) w/o Derating. (15% Derating at 4000m) | | | |
| Audible Noise | < 58 dB | | | |
| Certifications | | | | |
| Safety | IEC 62040-1:2008+A1 2013, IEC 62619 1st Ed., UL 1642 (Li-Ion Battery Cells), UL 1973 (Li-Ion Battery Pack w/UPS), UL 1778, CSA 22.2 No. 107.3 | | | |
| Agency | IEC 62040-1:2008+A1 2013, IEC 62619 1st Ed., IEC 62040-2 2nd Ed., IEC 61000-3-2, IEC 61000-3-12, CISPR22, Class A, FCC Part 15, Class A, UL 1778 | | | |
| Environmental | RoHS2 / REACH / WEEE | | | |
| Network Surge | IEC 61000-4-5, ANSI C62.41, Category B | | | |
| Transportation | ISTA Procedure 2A | | | |
| Warranty | 5 years on UPS and Battery | | | |
| Protection Plan | | | | |
| Equipment Protection Plan | Up To \$500,000 (For Covered Equipment) | | | |

Optional Accessories

External Battery Cabinets

| UPS | External Battery Cabinet (quantity) |
|----------------------|-------------------------------------|
| GXT5LI-5000MVRT3UXLN | VEBCLI-192VRT1U (1) |
| GXT5LI-6000MVRT3UXLN | VEBCLI-192VRT1U (1) |
| GXT5LI-8000MVRT4UXLN | VEBCLI-192VRT1U (2) |
| GXT5LI-10KMVRT4UXLN | VEBCLI-192VRT1U (2) |

*EBCs are hot-swappable, user-replaceable to allow for the full EBC to be replaced, as needed. Up to 8 EBCs can be used per UPS.

| UPS | External Battery Cabinet (quantity) |
|----------------------|-------------------------------------|
| GXT5LI-5000GVRT3UXLN | VEBCLI-192VRT1U (1) |
| GXT5LI-6000GVRT3UXLN | VEBCLI-192VRT1U (1) |
| GXT5LI-8000GVRT3UXLN | VEBCLI-192VRT1U (1) |
| GXT5LI-10KGVRT3UXLN | VEBCLI-192VRT1U (1) |



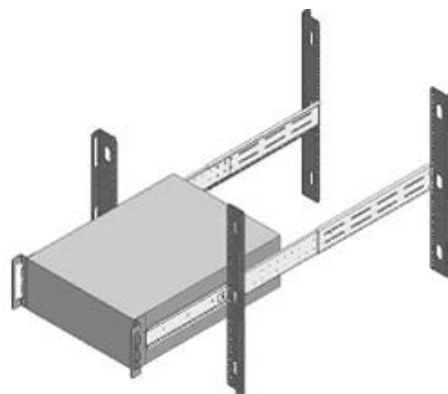
Vertiv™ Liebert® RDU101 Network Card



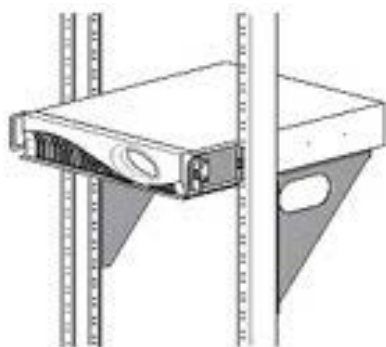
Vertiv™ Liebert® GXT5 Lithium-Ion UPS



2POSTRMKIT



Rack Slide Kits for all Vertiv™ Liebert® GXT5
Rack Tower Models (RMKIT 18-32)



Rack Shelves - Center mount shown
RS600 / RS800



Standard 4-Post Rail Kit
(included in the UPS box) 201193G1L

Mounting Kit Options

| Application | Model Supported | Style | Model | Description |
|-------------|---|---------|--------------|---|
| 2 Post Rack | Vertiv™ Liebert® GXT5 UPS Family (500VA to 10kVA) | Shelf | RS500 | Flush-mount shelf for 19" rack wide |
| | | Shelf | RS600 | Center-mount shelf for 19" rack wide |
| | | Shelf | RS700 | Flush-mount shelf for 23" rack wide |
| | | Shelf | RS800 | Center-mount shelf for 23" rack wide |
| | Vertiv™ Liebert® GXT5 2U UPS (or 2U Section/Module) | Bracket | 2POSTRMKIT | Front flush/ center-mount bracket - 4-piece design |
| | Vertiv™ Liebert® GXT5 LI 2U UPS (or 2U Section/Module), or 1U Lithium-Ion EBC (VEBCLI-48/192RT1U) | Bracket | 2POSTRMKIT1U | Front Flush/Center-Mount Bracket - 4-Piece Design |
| 4 Post Rack | Vertiv™ Liebert® GXT5 UPS Family (500VA to 10kVA) | Bracket | RMKIT18-32 | Cabinet/racks with 18" - 32" deep support rails - Telescopic rail |

Note: RS600 and RS800 kits include adapter brackets for installation of up to (2) Liebert® GXT5 2U model

Network Communication Cards and environmental sensors

Optional Intellislot cards are compatible with all Vertiv™ Liebert® GXT5 UPS systems

| | | |
|--|-------------|--|
| Network Communications | RDU120 | Network Communication Card with 10/100/1000 Mbps Ethernet, web interface, MIB, configuration cable, and environmental sensor support, UL 2900 certified. |
| | RDU101 | Vertiv™ Liebert® IntelliSlot™ web card for SNMP and web management. Supports environmental sensors. |
| | IS-RELAY | Vertiv™ Liebert® IntelliSlot™ Interface Kit for Relay Contacts |
| Vertiv™ Liebert® RDU101 Card Environmental Sensors* | SN-Z01 | Integrated cable with single temperature sensor |
| | SN-Z02 | Integrated cable with three temperature sensors |
| | SN-Z03 | Integrated cable with three temperature and one humidity sensors |
| | SN-T | Modular with single temperature sensor |
| | SN-TH | Modular with single temperature and single humidity sensor |
| | SN-2D | Modular with two door contact inputs |
| | SN-3C | Modular with three dry contact inputs |
| | SN-L20 | Modular leak zone sensor with 20 foot cable (Liebert RDU-S only) |
| Vertiv™ Liebert® IntelliSlot™ RDU120 Card Environmental Sensors** | A2D-10 | Analog to digital converter provides the ability to connect a dry contact, 0-10V, or 4-20mA sensor to a Plug-n-Play sensor port. Includes a 10ft / 3m cable. |
| | A2D-50 | Analog to digital converter provides the ability to connect a dry contact, 0-10V, or 4-20mA sensor to a Plug-n-Play sensor port. Includes a 10ft / 3m cable. |
| | GT3HD | Temperature, humidity, and dew point sensor with dual inputs for included 3ft / .9m and 6ft / 1.8m temperature sensors for monitoring top, middle, and bottom of a rack or cabinet. Includes a supplementary input for daisy-chaining additional sensors. Includes 10ft / 3m cable. |
| | GT3HD-50 | Temperature, humidity, and dew point sensor with dual inputs for included 3ft / .9m and 6ft / 1.8m temperature sensors for monitoring top, middle, and bottom of a rack or cabinet. Includes a supplementary input for daisy-chaining additional sensors. Includes 50ft / 15.2m cable. |
| | GTHD | Temperature, humidity, and dew point sensor. Includes a supplementary input for daisy-chaining additional sensors. Includes 10ft / 3m cable. |
| | GTHD-50 | Temperature, humidity, and dew point sensor. Includes a supplementary input for daisy-chaining additional sensors. Includes 50ft / 15.2m cable. |
| | SRT-12 | Temperature sensor used to monitor temperature in critical environments. Includes a 12ft / 3.6m cable. |
| | SRT-20 | Temperature sensor used to monitor temperature in critical environments. Includes a 20ft / 6.1m cable. |
| | SRT-50 | Temperature sensor used to monitor temperature in critical environments. Includes a 50ft / 15.2m cable. |
| | SRT-100 | Temperature sensor used to monitor temperature in critical environments. Includes a 100ft / 30.4m cable. |
| | RTAFHD3-12 | Temperature, airflow, humidity, and dew point sensor. Includes 12ft / 3.6m cable. |
| | RTAFHD3-20 | Temperature, airflow, humidity, and dew point sensor. Includes 20ft / 6.1m cable. |
| | RTAFHD3-50 | Temperature, airflow, humidity, and dew point sensor. Includes 50ft / 15.2m cable. |
| | RTAFHD3-100 | Temperature, airflow, humidity, and dew point sensor. Includes 100ft / 30.4m cable. |
| | FS-15 | 0-5VDC conductivity based flood sensor used to detect the presence of water. Includes a 15ft / 4.5m cable. |
| | FS-100 | 0-5VDC conductivity based flood sensor used to detect the presence of water. Includes a 100ft / 30.4m cable |
| | RDPS | Magnetic normally-closed dry-contact sensor used to monitor remote door position. Includes 30ft / 9.1m cable. |
| | RDPS-50 | Magnetic normally-closed dry-contact sensor used to monitor remote door position. Includes 50ft / 15.2m cable. |
| | RDPS-100 | Magnetic normally-closed dry-contact sensor used to monitor remote door position. Includes 100ft / 30.4m cable. |
| | PFS-100 US | 0-5V power failure sensor to monitor the presence of utility power. Includes a 100ft / 30.4m cable and US NEMA power supply |

* Only compatible with Vertiv™ Liebert® IntelliSlot™ RDU101 Network Card

**Only compatible with Vertiv™ Liebert® IntelliSlot™ RDU120 Network Card



Vertiv™ UPS Software Benefits Ladder

| Feature | Vertiv™ Power Assist | Vertiv™ Power Insight | Vertiv™ Environet™ Alert | Vertiv™ Avocent® DSView™ Solutions | Vertiv™ Environet™ Connect |
|---------------------------|-------------------------|--------------------------|-----------------------------|---------------------------------------|-------------------------------|
| Management | | | | | |
| Mass Device Provisioning | | | | | • |
| Mass Device Configuration | | | | | • |
| Mass Firmware Upgrade | | | | • | • |
| Hypervisor Plugin | | vCenter, vXRail, Nutanix | | | |
| Automated Server Shutdown | • | • | | | |
| Reporting | | | | | |
| Analytics and Reporting | | | • | | • |
| Historical Data | | • | • | | • |
| Thresholds and Alerts | | • | • | • | • |
| Alarm Management | • | • | • | • | • |
| Monitoring | | | | | |
| IT Device Monitoring | | | | • | |
| Thermal Monitoring | | | • | | • |
| Power Monitoring | UPS Only | UPS and Rack PDU | • | UPS, Rack PDU, Servers | • |
| Specifications | | | | | |
| Protocol Support | USB/SNMP | SNMP | SNMP, Modbus TCP, BACnet IP | SNMP, IPMI, Redfish | SNMP |
| Equipment Support | Vertiv Only | Vertiv Only | Multi-Vendor | Multi-Vendor | Multi-Vendor |
| Max. Devices Support | 2 | 100 | Scalable | Scalable | Scalable |
| Software Architecture | On-prem | On-prem | On-Prem | On-Perm | Multi-Tenant Cloud based |
| Licensing | Free | Free | Perpetual | Subscription | Subscription |

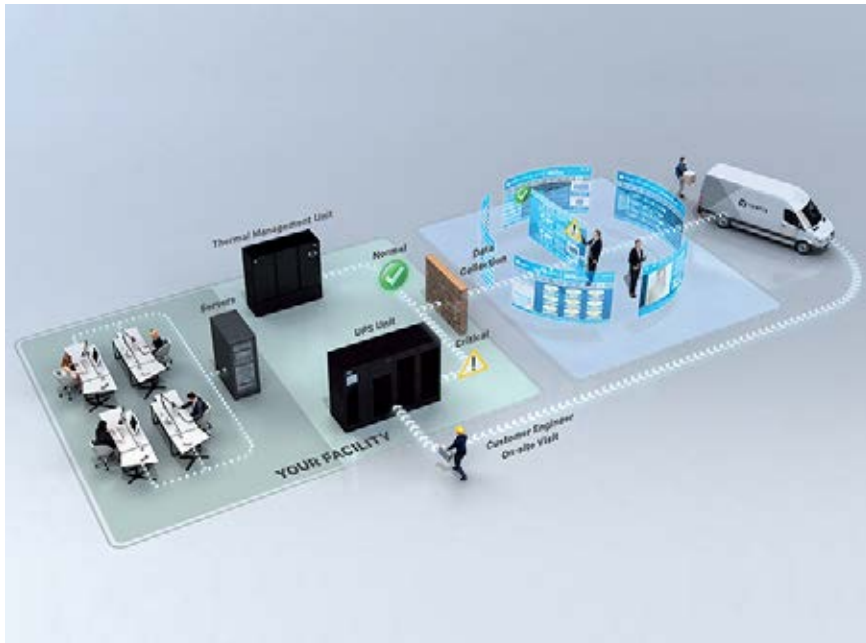
Power Assurance Package: Comprehensive Service Support for Critical Systems

- **Five-year protection plan** with 100% parts coverage and 24x7 emergency service
- **On-site installation and startup** of UPS and internal batteries (excludes hard-wired applications); configuration of new UPS and accessories; and if purchased, safe removal and disposal of legacy UPS and batteries
- **On-site service support** available 24x7 (within 150 miles of regional service center) and includes 100% labor and travel coverage
- **100% parts coverage** for UPS includes POD (power output distribution), web card, and battery defects
- **24x7 access** to customer resolution center and online access to Customer Services Network

Key benefits:

- Frees up IT staff from maintaining and servicing UPS equipment, reduces the worry of critical equipment downtime
- Ensures rapid recovery in the event of failure (within 24-48 hours)
- Frees you from the responsibility of handling and documenting the disposal of legacy UPS and batteries

Remote Diagnostic Services for Rapid Response



Refer to page 11 for service SKUs

Uptime assurance

- Continuous monitoring for early detection of trends and operating anomalies
- Analysis and interpretation of alarm and status messages

Rapid incident response

- Automatic transmission of data for analysis
- Concurrent diagnosis and dispatch of engineer to site
- Shipment of parts for corrective maintenance

Increased insight and ease of management

- Notification of operating conditions that may impact system health
- Periodic trend and analysis reports
- Integration of remote and on-site services to enable business continuity



Vertiv™ Liebert® GXT5 Lithium-Ion UPS - Power Assurance Services

Power Assurance Package

| Bundled Start-up Service AND 5-Year On-site Emergency Response | Standard | With Vertiv™ LIFE™ Services | With Removal | With Vertiv™ LIFE™ and Removal |
|--|-------------------|-----------------------------|----------------------|--------------------------------|
| Equipment Model / Type | Part Number | Part Number | Part Number | Part Number |
| Vertiv™ Liebert® GXT5 LI 5KVA TO 6KVA | PAPGXTLI-5K6K | PAPGXTLI-5K6KLF | PAPGXTLI-5K6KRMV | PAPGXTLI-5K6KRLF |
| Vertiv™ Liebert® GXT5 LI 8KVA TO 10KVA | PAPGXTLI-8-10K | PAPGXTLI-8-10KLF | PAPGXTLI-8-10KRMV | PAPGXTLI-8-10KRLF |
| External Battery Cabinets (192V) | PAPGXTLI-192VBATT | N/A | PAPGXTLI-192VBATTRMV | N/A |

Power Startup Services

| Startup Service Only | Standard | With Removal |
|--|---------------|------------------|
| Equipment Model / Type | Part Number | Part Number |
| Vertiv™ Liebert® GXT5 LI 5KVA TO 6KVA | SUGXT-5-6U7 | SUGXT-5-6U7RMV |
| Vertiv™ Liebert® GXT5 LI 8KVA TO 10KVA | SUGXT-8-10U7 | SUGXT-8-10U7RMV |
| External Battery Cabinet (192V) | SUGXT-EXTBTCB | SUGXT-EXTBTCBRMV |

Power Emergency Services

| 5-Year On-site Emergency Coverage - Only | Standard | With Vertiv™ LIFE™ Services |
|---|---------------------|-----------------------------|
| Equipment Model / Type | Part Number | Part Number |
| Vertiv™ Liebert® GXT5 LI5-6KVA | PEPGXTLI-5K6K5YR | PEPGXTLI-5K6KLF |
| Vertiv™ Liebert® GXT5 LI8-10KVA | PEPGXTLI-8K10K5YR | PEPGXTLI-8K10KLF |
| Lithium-Ion External Battery Cabinet 192V | PEPGXTLI-192VBAT5YR | N/A |

Power Assurance Package - Summary

- Includes all below "Power Start-up Services" and "Power Emergency Services" support

Power Startup Services - Summary

- Installation includes mounting and start-up of new UPS or EBC (excludes hard-wired applications)
- Services performed by Vertiv factory trained technician
- Services performed 7 X 24, excluding national holidays within the 48 contiguous states and Hawaii
- Removal and disposal of existing UPS or EBC equipment, if selected

Power Emergency Services - Summary

- On Site Service Support
- Full-service five (5) year contract term commencing upon the start-up date
- 100% parts coverage, including POD, web card and battery defects
- 100% labor and travel coverage 7 days/week, 24 hours/day
- 24-Hour Customer Resolution Center via 1-800-LIEBERT
- Access to Customer Services Network portal

Vertiv™ LIFE™ Services includes above plus:

- Continuous Monitoring, Alarm Notification, Expert Analysis, and Proactive Response

Note: Vertiv™ LIFE™ Services requires an RDU120 card.

Please refer to the Scopes of Work for full and additional details.

